

Title (en)

RESIN TRANSFER TOOL AND METHOD USING AN ELASTOMERIC INSERT TO DEFINE A RUNNER CHANNEL

Title (de)

RTM-VERFAHREN UND VORRICHTUNG MIT EINEM DURCH EINEN ELASTOMERISCHEN EINSATZ GEBILDETEN HARZZUFLUSSKANAL

Title (fr)

OUTIL DE TRANSFERT DE RESINE ET PROCEDE UTILISANT UNE PIECE RAPPORTEE ELASTOMERE POUR FORMER UN CANAL DE COULEE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0102146A1] A mould tool (10) for resin transfer moulding having a first member (11) defining a face mould surface (12) and a second member defining a contra mould surface wherein there is provided in at least one of members (11) for the mould surface (12) defined by the member; a channel (13) and an elastomeric member (18) located in and by the channel (13) defining in part a flexible wall (22) for the region; a pressurisable duct (17) extending through the elastomeric member (18); a passage (23) extending from the interior of the duct (17) to a location outside the mould member (11) whereby the pressure within the duct (17) can be varied to cause displacement of the flexible wall (22) between a first position (Figure 2) wherein the wall (22) is drawn inwardly to define and maintain a runner channel (24) in the mould surface of the member; and a second position wherein the wall (2) is released from forming the runner channel (24) and serves to provide a wall for the mould surface (12) of the member conforming substantially to that of the mould surface adjacent the channel (13).

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